What is claimed is:

1. (original) A gearbox drive unit (10), especially for displacing a movable part in a motor vehicle, with a rotary body (14) which is rotatably mounted in a housing (12) and bears axially – via at least one end face (42) thereof – against an adjusting element (50) which is fixed to the housing (12),
wherein
the adjusting element (50) can be slid axially into the housing (12) for installation, and it can be locked in position axially by rotating it relative to the housing (12), the adjusting element (50) including a radial bearing surface (56, 54) in which the rotary body (14) is radially supported.

2. (original) The gearbox drive unit (10) as recited in Claim 1,
wherein
the adjusting element (50) includes a cylindrical recess (52) with a cylindrical wall (54) that is the radial bearing surface (56).

3. (currently amended) The gearbox drive unit (10) as recited in ~~one of the Claims 1 or 2~~ Claim 1,
wherein
the adjusting element (50) includes a retaining region (70) with an outer radius (72, 73, 74) that is variable around its circumference (76).

4. (currently amended) The gearbox drive unit (10) as recited in ~~one of the preceding Claims~~ Claim 1,
wherein
the retaining region (70) has an outer profile (80) that locks the adjusting element (50) in place axially when rotated in a corresponding inner shape (32, 33) of the housing (12).

5. (currently amended) The gearbox drive unit (10) as recited in ~~one of the preceding Claims~~ Claim 1,
wherein

the outer profile (80) forms a form-fit connection with the housing (12) when it is rotated in the inner shape (33) of the housing (12), radial projections (64, 86, 80), in particular, of the outer profile (80) digging into the inner shape (33) of the housing (12).

6. (currently amended) The gearbox drive unit (10) as recited in ~~one of the preceding Claims~~ Claim 1,
wherein
the circumference (76) of the axial retaining region (70) is designed as an n-cornered polygonal outline (78) with a continually changing outer radius (72, 73, 74), and the retaining region (70) is axially insertable in a correspondingly shaped inner shape (33) of the housing (12) when the adjusting element (50) is installed.

7. (currently amended) The gearbox drive unit (10) as recited in ~~one of the preceding Claims~~ Claim 1,
wherein
the adjusting element (50) includes a guide region (66) – in particular with an outer radius (68) that is constant around the circumference (76) – for radially centering the adjusting element (50) in a corresponding centering section (35) of the housing (12).

8. (currently amended) The gearbox drive unit (10) as recited in ~~one of the preceding Claims~~ Claim 1,
wherein
the rotary body (14) is designed as a worm gear (16) located on a gearbox spindle (15), and the housing (12) is designed as a tubular metal cage.

9. (currently amended) The gearbox drive unit (10) as recited in ~~one of the preceding Claims~~ Claim 1,
wherein
the support element (50) includes – on the side diametrically opposed to the stop

face (46) – a form-fit driving element (90), e.g, an inner polyhedron or several recesses (92), for transferring torque when support element (50) is installed.

10. (currently amended) A method for manufacturing a gearbox drive unit (10), in particular as recited in ~~one of the preceding Claims~~ Claim 1, comprising the following manufacturing steps:

- Insert a rotary body (14) with a first axial stop in a gearbox housing (12) with a corresponding counterstop (26)
- Axially insert an adjusting element (50) into the gearbox housing (12) until the adjusting element (50) bears with an axial stop face (46, 48, 84) against an end face (42) of the rotary body (14) with a specifiable contact pressure (40), the rotary body (14) bearing radially against a radial bearing surface (56, 54) of the adjusting element (12)
- Axially lock the adjusting element (50) in place by rotating it by a fraction of a revolution of the adjusting element (50) inside an inner shape (33) of the gearbox housing.